



IFW

PTO/SB/21 (09-04)

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

| | |
|------------------------|------------------------|
| Application Number | 10/783,316 |
| Filing Date | February 20, 2004 |
| First Named Inventor | Rajagopalan, Nagarajan |
| Art Unit | 1762 |
| Examiner Name | To Be Assigned |
| Attorney Docket Number | A8457/T51300 |

ENCLOSURES (Check all that apply)

- | | | |
|---|--|---|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard Appendix: Annotated Sheet Showing Changes and Replacement Sheet for Fig. 3 (2 sheets) |
|---|--|---|

Remarks

The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

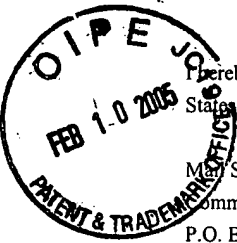
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|------------------------------------|----------|--------|
| Firm Name | Townsend and Townsend and Crew LLP | | |
| Signature | | | |
| Printed name | Kent J. Tobin | | |
| Date | February 8, 2005 | Reg. No. | 39,496 |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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|-----------------------|-------------------|------|------------------|
| Signature | | | |
| Typed or printed name | Eleanor J. Taylor | Date | February 8, 2005 |



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P.O. Box 1450
Alexandria, VA 22313-1450

PATENT
Attorney Docket No.: A8457/T51300
AMAT No.: 008457/DSM/BCVD/JW
TTC No.: 016301-051300US

On February 8, 2005

TOWNSEND and TOWNSEND and CREW LLP

By: Eleanor J. Taylor

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Nagarajan Rajagopalan et al.

Application No.: 10/783,316

Filed: February 20, 2004

For: METHODS AND APPARATUSES
PROMOTING ADHESION OF
DIELECTRIC BARRIER FILM TO
COPPER

Confirmation No. 7837

Examiner: To Be Assigned

Technology Center/Art Unit: 1762

PRELIMINARY AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Drawings begin on page 6 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

Remarks/Arguments begin on page 7 of this paper.

An **Appendix** including amended drawing figures is attached following page 7 of this paper.